



**Environmental
Protection Agency**

John R. Kasich, Governor
Mary Taylor, Lt. Governor
Scott L. Nally, Director

Re: Ashland County
Coburn Inc.
NPDES Permit

April 17, 2012

Mr. Chuck Zimmerman, President
Coburn Incorporated
636 County Road 30-A
P.O. Box 147
Hayesville, Ohio 44838

Dear Mr. Zimmerman,

On March 13, 2012, an inspection was made of the wastewater treatment facilities serving Coburn Incorporated located at 636 County Road 30-A, Vermillion Township, Ashland County. At the time of the inspection, all major treatment units were in operation.

During the inspection, it was noted that the southern sand filter bed was ponded with water. A small leak was observed in the corner of the southern bed. Water was flowing out of this leak onto the ground. The leak in the southern sand filter bed should be repaired before it is placed back into use. All new flow was being directed to the northern sand bed. This bed appeared fairly clean. The water within the aeration tank and clarifier appeared very dark in color. The water in the chlorine contact tank also appeared very dark. This color condition would seem to indicate process waters are being discharged to the treatment plant. As stated in the past, no process wastewater should be sent to the treatment plant.

The operator's log at the wastewater plant was reviewed. The log made no mention of the ponded sand filter bed or the leak in the filter bed wall. This type of information should be included in the log. The date these problems were remedied should also be included in the log.

A review of the discharge monitoring reports submitted to our office for the months of September 2011 through February 2012 revealed three **violations** of the limits contained in your NPDES permit. The violations were for exceeding the total suspended solids limit in September 2011 and January 2012. The E-coli limit was also exceeded in the September 2011 sample.

If you have any questions, please contact me at 419-373-3070.

Sincerely,

Walter Ariss, P.E.
Environmental Specialist II
Division of Surface Water

/jlm

Enclosure

pc: Kevin Dean, Dean's Backflow Service
ec: Inspection Tracking

OHIO ENVIRONMENTAL PROTECTION AGENCY

OPERATION AND MAINTENANCE INSPECTION
 WWTP'S LESS THAN 25,000 GPD

NPDES Permit No. 2P000140

Facility Name Coburn Inc Expiration Date 5/31/2016
 Facility Address 636 CR 30A Date 3/13/12 Time 1:30 am
 City Haysville County Ashtland Township _____
 Name and Address of Owner _____

Person Contacted _____ Owner Phone _____

Flow: Design 4500 GPD Present 300-2000 GPD (metered - estimated)

Trib. Pop. _____ (actual - estimated) Weather at time of inspection: Temp 68° sun

OEPA Personnel Walter Ariss District NWDO

1. Plant Effluent - Mark Severity No.

No.	Severity Description	No.	Turbidity	No.	Odor	No.	Color
0	None	<input checked="" type="checkbox"/>	Clear	<input checked="" type="checkbox"/>	None	<input checked="" type="checkbox"/>	Colorless
1	Mild						
2	Moderate		Light Solids		Musty		Grey
3	Serious						
4	Extreme		Heavy Solids		Septic		Black

2. Effect of effluent on Receiving Stream Name: not observed

No.	Severity Description	No.	Turbidity	No.	Odor	No.	Color
0	None		Clear		None		Colorless
1	Mild						
2	Moderate		Light Solids		Musty		Grey
3	Serious						
4	Extreme		Heavy Solids		Septic		Black

3. a. Plant has _____ excellent good _____ fair _____ poor operation
 b. Plant has _____ excellent good _____ fair _____ poor maintenance
 c. Sand filters have _____ excellent good fair _____ poor maintenance

d. Not operating at expected efficiency due to:

- (1) _____ hydraulic overload
 (2) _____ organic/ solids overload
 (3) _____ personnel inefficiency
 (4) _____ equipment failure
 (5) _____ wastes
 (6) _____

Disinfection: (Required May 1 thru Oct.31.)	
IN	OUT
_____	<input checked="" type="checkbox"/>
_____	<input checked="" type="checkbox"/>
_____	_____
	Chlorination Tablets
	Dechlorination Tablets
	U.V.

Yes No

4. _____ Compliance with NPDES Permit

Periodic Violations Y _____ N _____ Parameters: TSS, Ecoli

Chronic Violations _____ X _____

5. _____ Adequate plant safety

6. _____ Operation and Maintenance Service Name Dennis Backflow

Frequency of Visits 2 weeks

Facility Name: Coburn

Process	# Units	Unit	If Needed - Description and Comments
Preliminary	X	Trash Trap	Pumping Frequency: <u>1/3 months</u>
		Grease Trap	Pumping Frequency:
		Bar Screen	
		Comminutor	
		Flow Equalization	
Aeration Equipment	X	Plant Timer <u>X</u> Y ___ N	Cycle Time:
Secondary Treatment	X	Motor/ Blower Unit <u>running</u>	
	X	Aeration Tank <u>heavy white foam on surface</u>	Color: <u>grey</u> Adequate Aeration: Y <u>X</u> N ___
Final Settling	X	Clarifier	<u>dark & turbid</u>
	X	Sludge Return	In <u>X</u> Out ___
	X	Surface Skimmer	In ___ Out <u>X</u>
		Fixed Media Clarifier	
Tertiary Treatment	X	Surface Sand Filter	<u>South bed ponded - leak in corner north bed in use - okay</u>
		Polishing Pond	
		Other	
Disinfection	X	Chlorine Tube Feeder	<u>out - starts May 1</u>
	X	Dechlorination Tube Feeder	<u>out - starts May 1</u>
		Ultraviolet (UV)	
Flow Metering		Elapsed Pump Time	
	X	Recorder (continuous total)	<u>on water well</u>
Pumps		Raw Wastewater (type)	
	X	Sand Filter Effluent Dosing	<u>okay</u>
Sludge Handling		Aerated Storage Tank	
		Sludge Drying Bed	
Sludge Disposal	X	Municipal POTW	
		Landfill	
		Land Application	
Advanced Treatment	X	Post Aeration	<u>no</u>
		Spray Irrigation	
		Other	